NITFS
Compliance Registration

Product: AGP/S Version 9.0.0

Sponsor: Classified Customer

Date: 31 July 2008
Expiration: 30 July 2010
Registration #: 2063

Developer Lockheed Martin Integrated Systems and Solutions

- ☑ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☑ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

NITFS Features Implemented:

Format
NITF
- ○ ● 2.1
- ○ ○ 2.0
- ○   1.1
NSIF
- ○ ○ 1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ○ ○ CGM, 2301A
- ○ ○ Labels **

Text Segments
- ○ ○ STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ○ ● MONO
- ○ ● RGB
- ○ ● RGB/LUT
- ○ ○ YCbCr
- ○ ○ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ○ ○ JPEG Lossy, 8-bit
- ○ ○ JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ○ JPEG 2000
- ○ ○ Bi-Level
- ○ ○ Vector Quantization
- ○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ○ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ○ ◉ NSDE
- ○ ● ICHIPB
- ○ ● HISTOA
- ○ ● TXML1A

Legend
Interpret
Generate
- ●● Fully implemented
- ◉◉ Partially implemented
- ○○ Not implemented

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Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program